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SUBSTITUTE SPECIFICATION

TITLE OF THE INVENTION

FIXING UNIT HAVING A PLURALITY OF HEATERS,
IMAGE FORMING APPARATUS AND
5 METHOD OF DETERMINING TEMPERATURE DETECTING
POSITION OF TEMPERATURE SENSOR

BACKGROUND OF THE INVENTION

This application claims the benefit of a Japanese
10 Patent Application No.2003-098055 filed April 1, 2003,
in the Japanese Patent Office, the disclosure of which
is hereby incorporated by reference.

1. Field of the Invention

The present invention generally relates to, and
15 more particularly to fixing units and image forming
apparatuses, and more particularly to a fixing unit
having a battery for supplying power to a heater, an
image forming apparatus having such a fixing unit, and a
method of determining a temperature detecting position
20 of a temperature sensor.

2. Description of the Related Art

Generally, electrophotography type image forming
apparatuses such as copying apparatuses, printers,
facsimile apparatuses and composite apparatuses, form a
25 toner image on a recording medium such as recording

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